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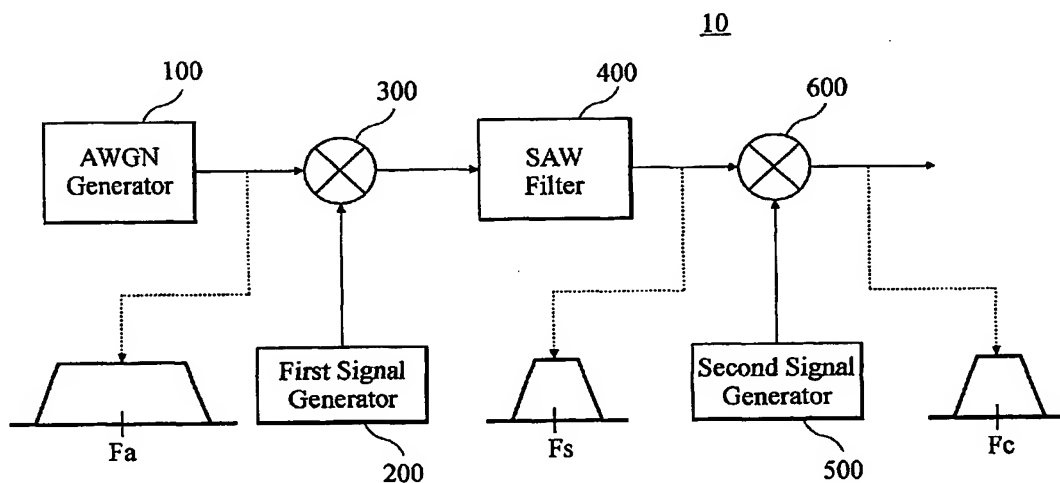
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(54) Title: **CDMA SIGNAL GENERATOR USING AN AWGN GENERATOR AND A SAW FILTER**



(57) Abstract: There is provided a CDMA generator using an AWGN generator and a SAW filter. The CDMA generator according to the present invention comprises (1) an additive white Gaussian noise generator for generating a first broad band noise in an RF receiving band, (2) a first signal generator for generating a first conversion frequency signal, (3) a first mixer for mixing the first broad band noise in the RF receiving band with the first conversion frequency signal to provide a second broad band noise in an IF band, the IF band including a CDMA band and a remaining frequency band that is exclusive of the CDMA band, (4) a SAW filter for attenuating a third broad band noise in the remaining frequency band within the IF band to a predetermined level to provide a substantially CDMA band noise, (5) a second signal generator for generating a second conversion frequency signal, and (6) a second mixer for mixing the substantially CDMA band noise from the SAW filter with the second conversion frequency signal from the second signal generator to provide an output, wherein the output is usable as a test input signal to an RF block unit.